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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/912,903	07/25/2001	Onur Celebioglu	16356.642 (DC-02950)	6593
27683	7590	08/02/2007		
HAYNES AND BOONE, LLP 901 MAIN STREET, SUITE 3100 DALLAS, TX 75202			EXAMINER PHUNKULH, BOB A	
			ART UNIT	PAPER NUMBER
			2616	
			MAIL DATE	DELIVERY MODE
			08/02/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

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<b>Office Action Summary</b>	Application No.	Applicant(s)	
	09/912,903	CELEBIOGLU ET AL.	
	Examiner	Art Unit	
	Bob A. Phunkulh	2616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 06 March 2007.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-11, 23-29 is/are pending in the application.
- 4a) Of the above claim(s) 23 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-11, 24-29 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

### DETAILED ACTION

The finality of the Office Action mailed 12/12/2006 is hereby withdrawn.

This communication is in response to applicant's 03/06/2007 amendment(s)/response(s) in the application of **CELEBIOGLU et al.** for **"SYSTEM AND METHOD FOR DETECTING AND INDICATING COMMUNICATION PROTOCOLS"** filed 07/25/2001. The amendment/response to the claims have been entered. Claim 23 has been withdrawn. No claims have been cancelled. No claims have been added. Claims 1-11, 24-29 are now pending.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 1-11, 24-29 are rejected under 35 U.S.C. 103(a) as being unpatentable over *Perrin* et al. (US 2002/0161924), hereinafter *Perrin*.

Regarding claim 1, *Perrin* discloses a system comprising: device for communicating a packet, the device including a plurality of set of indicators with connection interface, the indicators being activated in response to detected activities (see paragraph 0045). *Perrin* further discloses interfacing the router with a plurality of protocols (see paragraph 0043). The precise number of LEDs and their placement on

the router 10 are not limiting to the present invention, and more or less LEDs or other optical and/or audible devices may be employed to provide the user with more or less operational or performance feedback (see paragraph 0044).

*Perrin* fails to explicitly disclose that each set of indicator being in a different platform layer and each indicator being associated with a different protocol.

*Crawford* discloses an array of light emitting diodes (LEDs) are used for visual indication of the status of the monitored repeater, where the network administrator can determine whether a particular conditions exist on the repeater and the status may includes many types (see [0003] and [0011]).

Both *Perrin* and *Crawford* disclose that LEDs are used for many types of visual indications in repeaters/switches/routers, where the administrator can determine whether a particular conditions exist on the repeater or providing the user with operational or performance feedback.

Therefore, it would have been obvious to one having ordinary skill in the art at the time of invention was made provides the a set of LEDs at each port of the router and activating each LED to indicated the type of protocol in order to provides the network administrator with ability of visualize the type of protocols the network node is receiving –thus network administrator can manage the network resource accordingly (see [0044] of *Perrin* for motivation).

Regarding claim 2, *Perrin* discloses wherein the device includes a router (see [0042] and figure 1).

Regarding claim 3, *Perrin* discloses wherein the device includes a switch (see [0042] and figure 1).

Regarding claim 4, *Perrin* discloses wherein the device includes a storage device ([0026, 0031]).

Regarding claim 5, *Perrin* discloses wherein the device includes a network interface card (see [0048]).

Regarding claim 6, *Perrin* discloses wherein the packet includes a first header and a second header, wherein the device is configured to detect the first protocol in response to the first header, and wherein the device is configured to detect the second protocol in response to the second header (see [0043]).

Regarding claim 7, *Perrin* discloses wherein the device includes at least one hardware component configured to detect the first protocol and the second protocol (see [0043]).

Regarding claim 8, *Perrin* discloses wherein the device includes a program configured to detect the first protocol and the second protocol ([0059]).

Regarding claim 9, *Perrin* discloses wherein the program includes a device driver (inherent feature).

Regarding claim 10, *Perrin* disclose a method comprising: providing device for communicating a packet, the device including a plurality of set of indicators with connection interface, the indicators being activated in response to detected activities (see paragraph 0045). *Perrin* further discloses interfacing the router with a plurality of protocols (see paragraph 0043). The precise number of LEDs and their placement on the router 10 are not limiting to the present invention, and more or less LEDs or other optical and/or audible devices may be employed to provide the user with more or less operational or performance feedback (see paragraph 0044).

*Perrin* fails to explicitly disclose that each set of indicator being in a different platform layer and each indicator being associated with a different protocol.

*Crawford* discloses an array of light emitting diodes (LEDs) are used for visual indication of the status of the monitored repeater, where the network administrator can determine whether a particular conditions exist on the repeater and the status may includes many types (see [0003] and [0011]).

Both *Perrin* and *Crawford* disclose that LEDs are used for many types of visual indications in repeaters/switches/routers, where the administrator can determine whether a particular conditions exist on the repeater or providing the user with operational or performance feedback.

Therefore, it would have been obvious to one having ordinary skill in the art at the time of invention was made provides the a set of LEDs at each port of the router and activating each LED to indicated the type of protocol in order to provides the network administrator with ability of visualize the type of protocols the network node is receiving –thus network administrator can manage the network resource accordingly (see [0044] of *Perrin* for motivation).

Regarding claim 11, *Perrin* discloses wherein the packet includes a first header and a second header, wherein the device is configured to detect the first protocol in response to the first header, and wherein the device is configured to detect the second protocol in response to the second header (see [0043]).

Regarding claim 24, *Perrin* discloses wherein the device transmit a packet (see [0006]).

Regarding claim 25, *Perrin* discloses wherein the device receive a packet (see [0006]).

Regarding claim 26, *Perrin* discloses wherein the device includes a router (see [0042] and figure 1).

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Regarding claim 27, *Perrin* discloses wherein the device includes a switch (see [0042] and figure 1).

Regarding claim 28, *Perrin* discloses wherein the device includes a storage device ([0026, 0031]).

Regarding claim 29, *Perrin* discloses wherein the device includes a network interface card (see [0048]).

### ***Conclusion***

**Any response to this action should be mailed to:**

The following address mail to be delivered by the United States Postal Service (USPS) only:

Mail Stop \_\_\_\_\_  
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P. O. Box 1450  
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**or faxed to:**

(571) 273-8300, (for formal communications intended for entry)

**Or:**

The following address mail to be delivered by other delivery services (Federal Express (Fed Ex), UPS, DHL, Laser, Action, Purolater, Hand Delivery, etc.) as follow:

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Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Bob A. Phunkulh** whose telephone number is **(571) 272-3083**. The examiner can normally be reached on Monday-Tuesday from 8:00 A.M. to 5:00 P.M. (first week of the bi-week) and Monday-Friday (for second week of the bi-week).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor **Jay Patel**, can be reach on **(571) 272-2988**. The fax phone number for this group is **(571) 273-8300**.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Bob A. Phunkulh  
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July 30, 2007

**BOB PHUNKULH**  
**PRIMARY EXAMINER**